

Refine Search

Search Results -

| Terms | Documents |
|---|-----------|
| L10 and ((linking near group) or link\$3) | 8 |

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L12



Refine Search

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Search History

DATE: Monday, July 10, 2006 [Printable Copy](#) [Create Case](#)

Set
Name **Query**
 side by
 side

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Count **Set**
 Name
 result
 set

DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

L12 L10 and ((linking near group) or link\$3)

8 L12

L11 L7 and 525/\$.ccls.

3 L11

L10 L7 and (protein or (protein near array))

11 L10

L9 L7 and (crosslink\$2 or (crosslinking near compound))

2 L9

L8 L7 and polymer

12 L8

L7 (functionalized near piperazine)

21 L7

L6 (functionalized near pyperazine)

0 L6

L5 L4 and (vinylsulfone or (bisvinylsulfonyl near methae) or
 vinylsulfonylmethane or (vinylsulfonylmethyl near ether) or
 (vinylsulfonylacetamido near ethane))

3 L5

L4 L3 and (crosslinking near compound)

93 L4

L3 L2 and (link\$3 near group)

2777 L3

L1 and ((functional near groups) or (plurality near functional near groups) or

L2 functionalized)

14725 L2

L1 piperazine

55570 L1

END OF SEARCH HISTORY

Hit List

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Search Results - Record(s) 1 through 8 of 8 returned.

☐ 1. Document ID: US 20060120956 A1

L12: Entry 1 of 8

File: PGPB

Jun 8, 2006

PGPUB-DOCUMENT-NUMBER: 20060120956

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060120956 A1

TITLE: Imaging agents comprising barbituric acid derivatives

PUBLICATION-DATE: June 8, 2006

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---------------------|-----------------|-------|---------|
| Kopka; Klaus | Munster | | DE |
| Breyholz; Hans-Jorg | Munster | | DE |
| Wagner; Stefan | Munster | | DE |
| Shafers; Michael | Munster | | DE |
| Leykau; Bodo | Munster | | DE |
| Guilbert; Benedicte | Buckinghamshire | | GB |
| Wynn; Duncan | Buckinhamshire | | GB |

US-CL-CURRENT: [424/1.11](#); [436/518](#), [530/391.1](#), [534/11](#), [544/295](#), [544/310](#)

| | | | | | | | | | | | | |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|------------------------|-----------------------|--------------------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | Bibli | Drawings |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|------------------------|-----------------------|--------------------------|

☐ 2. Document ID: US 20050288246 A1

L12: Entry 2 of 8

File: PGPB

Dec 29, 2005

PGPUB-DOCUMENT-NUMBER: 20050288246

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050288246 A1

TITLE: Peptide conjugated, inosine-substituted antisense oligomer compound and method

PUBLICATION-DATE: December 29, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---------------------|-----------|-------|---------|
| Iversen, Patrick L. | Corvallis | OR | US |

| | | | |
|-------------------|-----------|----|----|
| Weller, Dwight D. | Corvallis | OR | US |
| Hassinger, Jed N. | Corvallis | OR | US |

US-CL-CURRENT: 514/44; 435/455

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | Drawings | Other |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|----------|-------|
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☐ 3. Document ID: US 20050173683 A1

L12: Entry 3 of 8

File: PGPB

Aug 11, 2005

PGPUB-DOCUMENT-NUMBER: 20050173683

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050173683 A1

TITLE: Materials, methods, and uses for photochemical generation of acids and/or radical species

PUBLICATION-DATE: August 11, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---------------------|-----------|-------|---------|
| Marder, Seth | Atlanta | GA | US |
| Perry, Joseph | Atlanta | GA | US |
| Zhou, Wenhui | Tucson | AZ | US |
| Kuebler, Stephen M. | Oviedo | FL | US |
| Cammack, J. Kevin | Oceanside | CA | US |

US-CL-CURRENT: 252/600

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | Drawings | Other |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|----------|-------|
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☐ 4. Document ID: US 20050124623 A1

L12: Entry 4 of 8

File: PGPB

Jun 9, 2005

PGPUB-DOCUMENT-NUMBER: 20050124623

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050124623 A1

TITLE: Diazaindole-dicarbonyl-piperazinyl antiviral agents

PUBLICATION-DATE: June 9, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|-----------------------|--------------|-------|---------|
| Bender, John A. | Middletown | CT | US |
| Yang, Zhong | Middletown | CT | US |
| Kadow, John F. | Wallingford | CT | US |
| Meanwell, Nicholas A. | East Hampton | CT | US |

US-CL-CURRENT: 514/248; 514/265.1, 544/235, 544/280

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | Draw | Draw |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|------|
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☐ 5. Document ID: US 20050080271 A1

L12: Entry 5 of 8

File: PGPB

Apr 14, 2005

PGPUB-DOCUMENT-NUMBER: 20050080271

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050080271 A1

TITLE: Peptidomimetic ligands for cellular receptors and ion channels

PUBLICATION-DATE: April 14, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|--------------------|-------------|-------|---------|
| Persons, Paul E | Westborough | MA | US |
| Holland, Joanne M. | Brookline | MA | US |
| Hauske, James | Concord | MA | US |

US-CL-CURRENT: 548/517

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | Draw | Draw |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|------|
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☐ 6. Document ID: US 20040265879 A1

L12: Entry 6 of 8

File: PGPB

Dec 30, 2004

PGPUB-DOCUMENT-NUMBER: 20040265879

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040265879 A1

TITLE: Compositions for enhancing transport of molecules into cells

PUBLICATION-DATE: December 30, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---------------------|-----------|-------|---------|
| Iversen, Patrick L. | Corvallis | OR | US |
| Moulton, Hong M. | Corvallis | OR | US |
| Nelson, Michelle H. | Corvallis | OR | US |
| Kroeker, Andrew D. | Corvallis | OR | US |
| Stein, David A. | Corvallis | OR | US |

US-CL-CURRENT: 435/6; 435/455

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | Draw | Draw |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|------|
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☐ 7. Document ID: US 20040224957 A1

L12: Entry 7 of 8

File: PGPB

Nov 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040224957
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040224957 A1

TITLE: Melanocortin receptor-specific compounds

PUBLICATION-DATE: November 11, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|----------------------|---------------------|-------|---------|
| Sharma, Shubh D. | Cranbury | NJ | US |
| Shi, Yi-Qun | East Brunswick | NJ | US |
| Rajpurohit, Ramesh | Hillsboro | NJ | US |
| Wu, Zhijun | Plainsboro | NJ | US |
| Purma, Papireddy | Plainsboro | NJ | US |
| Shadiack, Annette M. | Somerset | NJ | US |
| Burris, Kevin D. | Washington Crossing | PA | US |

US-CL-CURRENT: [514/252.13](#); [544/359](#)

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | EMC | Draw D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|

☐ 8. Document ID: US 20030055244 A1

L12: Entry 8 of 8

File: PGPB

Mar 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030055244
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030055244 A1

TITLE: Pyridyl-containing spirocyclic compounds as inhibitors of fibrinogen-dependent platelet aggregation

PUBLICATION-DATE: March 20, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|------------------------|---------------------|-------|---------|
| Scarborough, Robert M. | Half Moon Bay | CA | US |
| Mehrotra, Mukund | South San Francisco | CA | US |
| Pandey, Anjali | Fremont | CA | US |
| Smyth, Mark | Foster City | CA | US |

US-CL-CURRENT: [540/500](#); [544/71](#), [546/16](#), [546/20](#)

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | EMC | Draw D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|

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Search Results - Record(s) 1 through 21 of 21 returned.

☐ 1. Document ID: US 20060120956 A1

L7: Entry 1 of 21

File: PGPB

Jun 8, 2006

PGPUB-DOCUMENT-NUMBER: 20060120956

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060120956 A1

TITLE: Imaging agents comprising barbituric acid derivatives

PUBLICATION-DATE: June 8, 2006

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---------------------|-----------------|-------|---------|
| Kopka; Klaus | Munster | | DE |
| Breyholz; Hans-Jorg | Munster | | DE |
| Wagner; Stefan | Munster | | DE |
| Shafers; Michael | Munster | | DE |
| Leykau; Bodo | Munster | | DE |
| Guilbert; Benedicte | Buckinghamshire | | GB |
| Wynn; Duncan | Buckinhamshire | | GB |

US-CL-CURRENT: [424/1.11](#); [436/518](#), [530/391.1](#), [534/11](#), [544/295](#), [544/310](#)

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | Index | Drawings |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-------|----------|
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☐ 2. Document ID: US 20060111533 A1

L7: Entry 2 of 21

File: PGPB

May 25, 2006

PGPUB-DOCUMENT-NUMBER: 20060111533

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060111533 A1

TITLE: Monomer compound comprising several cationic groups, process for making the same, and polymers comprising units deriving therefrom

PUBLICATION-DATE: May 25, 2006

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|-------------------|---------------|-------|---------|
| Liu; Leo Zhaoqing | Lawrenceville | NJ | US |

Yeung; Dominic Wai-Kwing

Mississauga

CA

US-CL-CURRENT: 526/310; 526/319, 560/128, 564/281, 564/292

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|----------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | Drawings | Drawings |
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☐ 3. Document ID: US 20050288246 A1

L7: Entry 3 of 21

File: PGPB

Dec 29, 2005

PGPUB-DOCUMENT-NUMBER: 20050288246

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050288246 A1

TITLE: Peptide conjugated, inosine-substituted antisense oligomer compound and method

PUBLICATION-DATE: December 29, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---------------------|-----------|-------|---------|
| Iversen, Patrick L. | Corvallis | OR | US |
| Weller, Dwight D. | Corvallis | OR | US |
| Hassinger, Jed N. | Corvallis | OR | US |

US-CL-CURRENT: 514/44; 435/455

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|----------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | Drawings | Drawings |
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☐ 4. Document ID: US 20050173683 A1

L7: Entry 4 of 21

File: PGPB

Aug 11, 2005

PGPUB-DOCUMENT-NUMBER: 20050173683

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050173683 A1

TITLE: Materials, methods, and uses for photochemical generation of acids and/or radical species

PUBLICATION-DATE: August 11, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---------------------|-----------|-------|---------|
| Marder, Seth | Atlanta | GA | US |
| Perry, Joseph | Atlanta | GA | US |
| Zhou, Wenhui | Tucson | AZ | US |
| Kuebler, Stephen M. | Oviedo | FL | US |
| Cammack, J. Kevin | Oceanside | CA | US |

US-CL-CURRENT: 252/600

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | DOC | Draw |
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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|------|

☐ 5. Document ID: US 20050124623 A1

L7: Entry 5 of 21

File: PGPB

Jun 9, 2005

PGPUB-DOCUMENT-NUMBER: 20050124623

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050124623 A1

TITLE: Diazaindole-dicarbonyl-piperazinyl antiviral agents

PUBLICATION-DATE: June 9, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|-----------------------|--------------|-------|---------|
| Bender, John A. | Middletown | CT | US |
| Yang, Zhong | Middletown | CT | US |
| Kadow, John F. | Wallingford | CT | US |
| Meanwell, Nicholas A. | East Hampton | CT | US |

US-CL-CURRENT: 514/248; 514/265.1, 544/235, 544/280

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | DOC | Draw |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|------|
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|------|

☐ 6. Document ID: US 20050080271 A1

L7: Entry 6 of 21

File: PGPB

Apr 14, 2005

PGPUB-DOCUMENT-NUMBER: 20050080271

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050080271 A1

TITLE: Peptidomimetic ligands for cellular receptors and ion channels

PUBLICATION-DATE: April 14, 2005

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|--------------------|-------------|-------|---------|
| Persons, Paul E | Westborough | MA | US |
| Holland, Joanne M. | Brookline | MA | US |
| Hauske, James | Concord | MA | US |

US-CL-CURRENT: 548/517

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | DOC | Draw |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|------|
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☐ 7. Document ID: US 20040265879 A1

L7: Entry 7 of 21

File: PGPB

Dec 30, 2004

PGPUB-DOCUMENT-NUMBER: 20040265879

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040265879 A1

TITLE: Compositions for enhancing transport of molecules into cells

PUBLICATION-DATE: December 30, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|---------------------|-----------|-------|---------|
| Iversen, Patrick L. | Corvallis | OR | US |
| Moulton, Hong M. | Corvallis | OR | US |
| Nelson, Michelle H. | Corvallis | OR | US |
| Kroeker, Andrew D. | Corvallis | OR | US |
| Stein, David A. | Corvallis | OR | US |

US-CL-CURRENT: 435/6; 435/455

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | FIG | Draw |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|------|

☐ 8. Document ID: US 20040224957 A1

L7: Entry 8 of 21

File: PGPB

Nov 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040224957

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040224957 A1

TITLE: Melanocortin receptor-specific compounds

PUBLICATION-DATE: November 11, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|----------------------|---------------------|-------|---------|
| Sharma, Shubh D. | Cranbury | NJ | US |
| Shi, Yi-Qun | East Brunswick | NJ | US |
| Rajpurohit, Ramesh | Hillsboro | NJ | US |
| Wu, Zhijun | Plainsboro | NJ | US |
| Purma, Papireddy | Plainsboro | NJ | US |
| Shadiack, Annette M. | Somerset | NJ | US |
| Burris, Kevin D. | Washington Crossing | PA | US |

US-CL-CURRENT: 514/252.13; 544/359

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | FIG | Draw |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|------|

☐ 9. Document ID: US 20040010106 A1

L7: Entry 9 of 21

File: PGPB

Jan 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040010106
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040010106 A1

TITLE: Monomer compound comprising several cationic groups, process for making the same, and polymers comprising units deriving therefrom

PUBLICATION-DATE: January 15, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|-------------------|---------------|-------|---------|
| Liu, Leo Zhaoqing | Lawrenceville | NJ | US |

US-CL-CURRENT: 526/303.1; 526/310, 526/319, 546/229, 548/566, 560/222, 564/204, 564/286

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | EMC | Draw D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|

☐ 10. Document ID: US 20030055244 A1

L7: Entry 10 of 21

File: PGPB

Mar 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030055244
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030055244 A1

TITLE: Pyridyl-containing spirocyclic compounds as inhibitors of fibrinogen-dependent platelet aggregation

PUBLICATION-DATE: March 20, 2003

INVENTOR-INFORMATION:

| NAME | CITY | STATE | COUNTRY |
|------------------------|---------------------|-------|---------|
| Scarborough, Robert M. | Half Moon Bay | CA | US |
| Mehrotra, Mukund | South San Francisco | CA | US |
| Pandey, Anjali | Fremont | CA | US |
| Smyth, Mark | Foster City | CA | US |

US-CL-CURRENT: 540/500; 544/71, 546/16, 546/20

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | EMC | Draw D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|-----|---------|

☐ 11. Document ID: US 7030275 B2

L7: Entry 11 of 21

File: USPT

Apr 18, 2006

US-PAT-NO: 7030275

DOCUMENT-IDENTIFIER: US 7030275 B2

TITLE: Monomer compound comprising several cationic groups, process for making the same, and polymers comprising units deriving therefrom

DATE-ISSUED: April 18, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20040010106 A1

January 15, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Liu; Leo Zhaoqing

Lawrenceville

NJ

US

US-CL-CURRENT: 564/292; 560/128, 564/281

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|--|--|--------|------|------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | Publ | Draw |
|------|-------|----------|-------|--------|----------------|------|-----------|--|--|--------|------|------|

☐ 12. Document ID: US 5886061 A

L7: Entry 12 of 21

File: USPT

Mar 23, 1999

US-PAT-NO: 5886061

DOCUMENT-IDENTIFIER: US 5886061 A

TITLE: Polymers capable of reversibly complexing acid gases and foamed polymers produced therefrom

DATE-ISSUED: March 23, 1999

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Beckman; Eric J.

Edgewood

PA

US-CL-CURRENT: 521/147; 264/50, 264/53, 521/139, 521/146, 521/58, 521/97,
525/332.2, 55/522, 55/524

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|--|--|--------|------|------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | Publ | Draw |
|------|-------|----------|-------|--------|----------------|------|-----------|--|--|--------|------|------|

☐ 13. Document ID: US 5631327 A

L7: Entry 13 of 21

File: USPT

May 20, 1997

US-PAT-NO: 5631327

DOCUMENT-IDENTIFIER: US 5631327 A

TITLE: Polymers capable of reversibly complexing acid gases and a method of using the same

DATE-ISSUED: May 20, 1997

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------|----------|-------|----------|---------|
| Beckman; Eric J. | Edgewood | PA | | |

US-CL-CURRENT: 525/328.2; 525/332.2, 525/333.3, 525/333.5, 525/333.6, 525/344,
525/374, 525/383

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | Publ | Draw D. |
|------|-------|----------|-------|--------|----------------|------|-----------|--|--|--------|------|---------|
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☐ 14. Document ID: US 5507848 A

L7: Entry 14 of 21

File: USPT

Apr 16, 1996

US-PAT-NO: 5507848

DOCUMENT-IDENTIFIER: US 5507848 A

TITLE: Polymers capable of reversibly complexing acid gases and a method of using the same

DATE-ISSUED: April 16, 1996

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------|----------|-------|----------|---------|
| Beckman; Eric J. | Edgewood | PA | 15218 | |

US-CL-CURRENT: 55/522; 525/332.2, 55/524, 55/528

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | Publ | Draw D. |
|------|-------|----------|-------|--------|----------------|------|-----------|--|--|--------|------|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|--|--|--------|------|---------|

☐ 15. Document ID: US 4988814 A

L7: Entry 15 of 21

File: USPT

Jan 29, 1991

US-PAT-NO: 4988814

DOCUMENT-IDENTIFIER: US 4988814 A

TITLE: Tertiary alkyl functionalized piperazine derivatives

DATE-ISSUED: January 29, 1991

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------------|-------------|-------|----------|---------|
| Abou-Gharbia; Magid A. | Glen Mills | PA | | |
| Yardley; John P. | Gulph Mills | PA | | |
| Cliffe; Ian A. | Slough | | | GB |

US-CL-CURRENT: 544/295; 544/357, 544/360, 544/392, 544/393, 544/394

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | Index | Drawings |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-------|----------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-------|----------|

☐ 16. Document ID: JP 03020263 A

L7: Entry 16 of 21

File: JPAB

Jan 29, 1991

PUB-NO: JP403020263A

DOCUMENT-IDENTIFIER: JP 03020263 A

TITLE: TERTIARY ALKYL-FUNCTIONALIZED PIPERAZINE DERIVATIVE

PUBN-DATE: January 29, 1991

INVENTOR-INFORMATION:

NAME

COUNTRY

ABOU-GHARBIA, MAGID A

YARDLEY, JOHN P

CLIFFE, IAN A

INT-CL (IPC): C07D 239/42; C07D 213/74; C07D 295/10; C07D 295/12; C07D 295/14;
A61K 31/495 ; A61K 31/505

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | Index | Drawings |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-------|----------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-------|----------|

☐ 17. Document ID: EP 955296 A2

L7: Entry 17 of 21

File: EPAB

Nov 10, 1999

PUB-NO: EP000955296A2

DOCUMENT-IDENTIFIER: EP 955296 A2

TITLE: Tertiary alkyl functionalized piperazine derivatives as anxiolytic and/or antidepressant agents

PUBN-DATE: November 10, 1999

INVENTOR-INFORMATION:

NAME

COUNTRY

CLIFFE, IAN ANTHONY

GB

ABOU-GHARBIA, MAGID ABDEL-MEGID

US

YARDLEY, JOHN PATRICK

US

INT-CL (IPC): C07D 295/12; C07D 295/08; C07D 239/42; C07D 295/14; A61K 31/495
EUR-CL (EPC): C07D295/08; C07D295/12, C07D295/12

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | Index | Drawings |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-------|----------|
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☐ 18. Document ID: EP 395313 A2

L7: Entry 18 of 21

File: EPAB

Oct 31, 1990

PUB-NO: EP000395313A2
DOCUMENT-IDENTIFIER: EP 395313 A2
TITLE: Tertiary alkyl functionalized piperazine derivatives.

PUBN-DATE: October 31, 1990

INVENTOR-INFORMATION:

| NAME | COUNTRY |
|---------------------------------|---------|
| CLIFFE, IAN ANTHONY | GB |
| ABOU-GHARBIA, MAGID ABDEL-MEGID | US |
| YARDLEY, JOHN PATRICK | US |

US-CL-CURRENT: 340/384.1

INT-CL (IPC): A61K 31/495; C07D 239/42; C07D 295/08; C07D 295/12; C07D 295/14

EUR-CL (EPC): C07D295/12; C07D295/12, C07D295/14 , C07D239/42 , C07D295/08 ,
C07D295/14

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | Claims | PubC | Grant C |
|------|-------|----------|-------|--------|----------------|------|-----------|--|--------|------|---------|
|------|-------|----------|-------|--------|----------------|------|-----------|--|--------|------|---------|

☐ 19. Document ID: WO 200228529 A2, AU 200195856 A

L7: Entry 19 of 21

File: DWPI

Apr 11, 2002

DERWENT-ACC-NO: 2002-527371

DERWENT-WEEK: 200256

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TITLE: Ion exchange resin for use in selective of gold and silver cyanide complexes from aqueous medium, comprises polymeric matrix functionalized with piperazine group

INVENTOR: CORTINA, J P; KAUTZMANN, R M ; WARSHAWSKY, A

PRIORITY-DATA: 2000IL-0138852 (October 4, 2000)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|-----------------|----------------|----------|-------|------------|
| WO 200228529 A2 | April 11, 2002 | E | 034 | B01J039/00 |
| AU 200195856 A | April 15, 2002 | | 000 | B01J039/00 |

INT-CL (IPC): B01J 39/00

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | Claims | PubC | Grant C |
|------|-------|----------|-------|--------|----------------|------|-----------|--|--------|------|---------|
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☐ 20. Document ID: EP 955296 A2

L7: Entry 20 of 21

File: DWPI

Nov 10, 1999

DERWENT-ACC-NO: 2000-001085

DERWENT-WEEK: 200001

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TITLE: New piperazine derivatives useful as anxiolytic, antipsychotic and antidepressant agents

INVENTOR: ABOU-GHARBIA, M A; CLIFFE, I A ; YARDLEY, J P

PRIORITY-DATA: 1989US-0428148 (October 27, 1989), 1989GB-0009209 (April 22, 1989)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|--------------|-------------------|----------|-------|------------|
| EP 955296 A2 | November 10, 1999 | E | 000 | C07D295/12 |

INT-CL (IPC): A61K 31/495; C07D 239/42; C07D 295/08; C07D 295/12; C07D 295/14

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | Index | Drawings |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-------|----------|
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-------|----------|

☐ 21. Document ID: HU 221315 B1, EP 395313 A, GB 2230780 A, AU 9053778 A, PT 93824 A, CA 2015033 A, FI 9001982 A, JP 03020263 A, US 4988814 A, HU 54667 T, ZA 9003019 A, DD 296921 A5, GB 2230780 B, IL 94160 A, FI 93832 B, IE 64038 B, PH 26582 A, EP 395313 B1, DE 69033393 E, KR 142417 B1, ES 2140374 T3, JP 3054677 B2, CA 2015033 C

L7: Entry 21 of 21

File: DWPI

Sep 30, 2002

DERWENT-ACC-NO: 1990-329310

DERWENT-WEEK: 200272

COPYRIGHT 2006 DERWENT INFORMATION LTD

TITLE: New tert. alkyl functionalised piperazine derivs. - useful as antidepressants anxiolytics and antipsychotics

INVENTOR: ABOU-GHARBIA, M A; CLIFFE, I A ; YARDLEY, J P

PRIORITY-DATA: 1989US-0428148 (October 27, 1989), 1989GB-0009209 (April 22, 1989), 1989GB-0024323 (October 28, 1989)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---------------|--------------------|----------|-------|-------------|
| HU 221315 B1 | September 30, 2002 | | 000 | C07D295/13 |
| EP 395313 A | October 31, 1990 | | 000 | |
| GB 2230780 A | October 31, 1990 | | 000 | |
| AU 9053778 A | October 25, 1990 | | 000 | |
| PT 93824 A | November 20, 1990 | | 000 | |
| CA 2015033 A | October 22, 1990 | | 000 | |
| FI 9001982 A | October 23, 1990 | | 000 | |
| JP 03020263 A | January 29, 1991 | | 000 | |
| US 4988814 A | January 29, 1991 | | 014 | |
| HU 54667 T | March 28, 1991 | | 000 | |
| ZA 9003019 A | December 24, 1991 | | 000 | |
| DD 296921 A5 | December 19, 1991 | | 000 | C07D295/04 |
| GB 2230780 B | October 21, 1992 | | 000 | C07D295/10 |
| IL 94160 A | June 24, 1994 | | 000 | C07D295/04 |
| FI 93832 B | February 28, 1995 | | 000 | C07D295/084 |
| IE 64038 B | June 28, 1995 | | 000 | C07D295/10 |
| PH 26582 A | August 19, 1992 | | 000 | C07D403/04 |
| EP 395313 B1 | December 15, 1999 | E | 000 | C07D295/08 |

| | | | |
|---------------|------------------|-------|------------|
| DE 69033393 E | January 20, 2000 | 000 | C07D295/08 |
| KR 142417 B1 | June 1, 1998 | 000 | C07D295/08 |
| ES 2140374 T3 | March 1, 2000 | 000 | C07D295/08 |
| JP 3054677 B2 | June 19, 2000 | 019 | C07D295/08 |
| CA 2015033 C | June 6, 2000 | E 000 | C07D295/15 |

INT-CL (IPC): A61K 31/49; A61K 31/495; A61K 31/496; A61K 31/497; A61K 31/506;
A61P 25/22; A61P 25/24; C07D 213/74; C07D 213/72; C07D 239/42; C07D 239/42;
C07D 241/20 ; C07D 241/20; C07D 295/04; C07D 295/08; C07D 295/084; C07D 295/10;
C07D 295/12; C07D 295/13; C07D 295/14; C07D 295/15; C07D 295/10; C07D 401/04 ;
C07D 403/04; C07D 403/12; C07D 405/10

| Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | Field | Drawings |
|------|-------|----------|-------|--------|----------------|------|-----------|--|--|--------|-------|----------|
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Terms

Documents

(functionalized near piperazine)

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